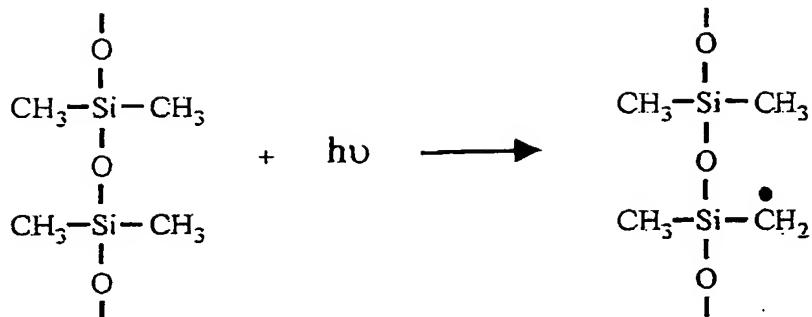
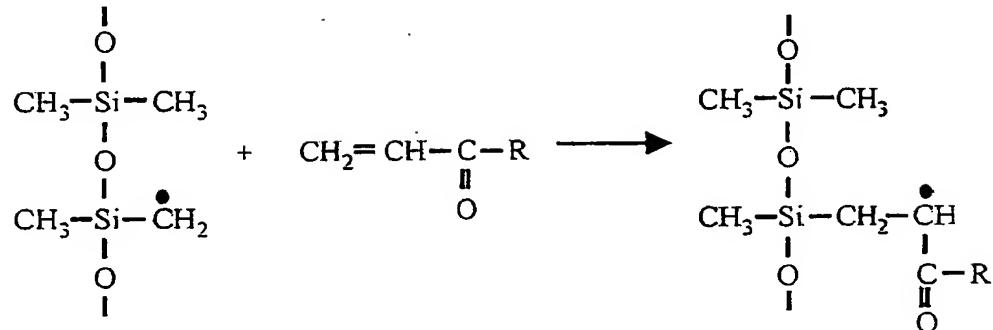


**I.****II.**

R: -OH

Acrylic Acid (AA)

-NH<sub>2</sub>

Acrylamide (AM)

-N(CH<sub>3</sub>)<sub>2</sub>

Dimethylacrylamide (DMA)

-OCH<sub>2</sub>CH<sub>2</sub>OH

2-Hydroxyethylacrylate (HEA)

-O(CH<sub>2</sub>CH<sub>2</sub>O)<sub>n</sub>CH<sub>3</sub>

PEG monomethoxylacrylate (PEG)

**FIGURE 1****Best Available Copy**

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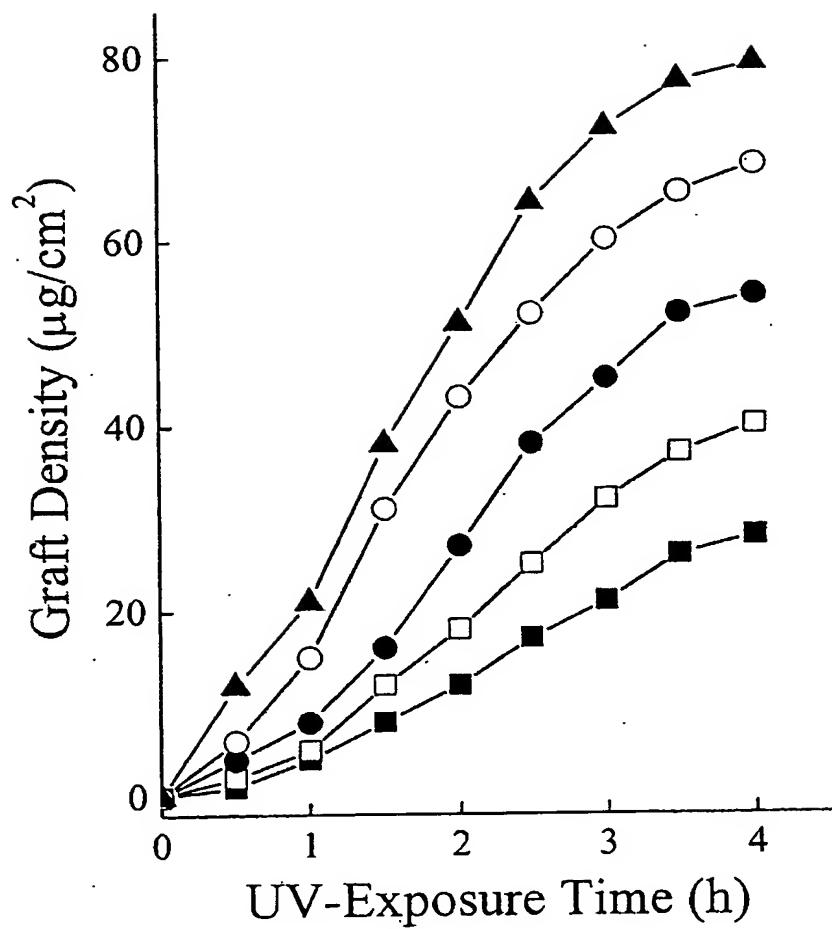


FIGURE 2

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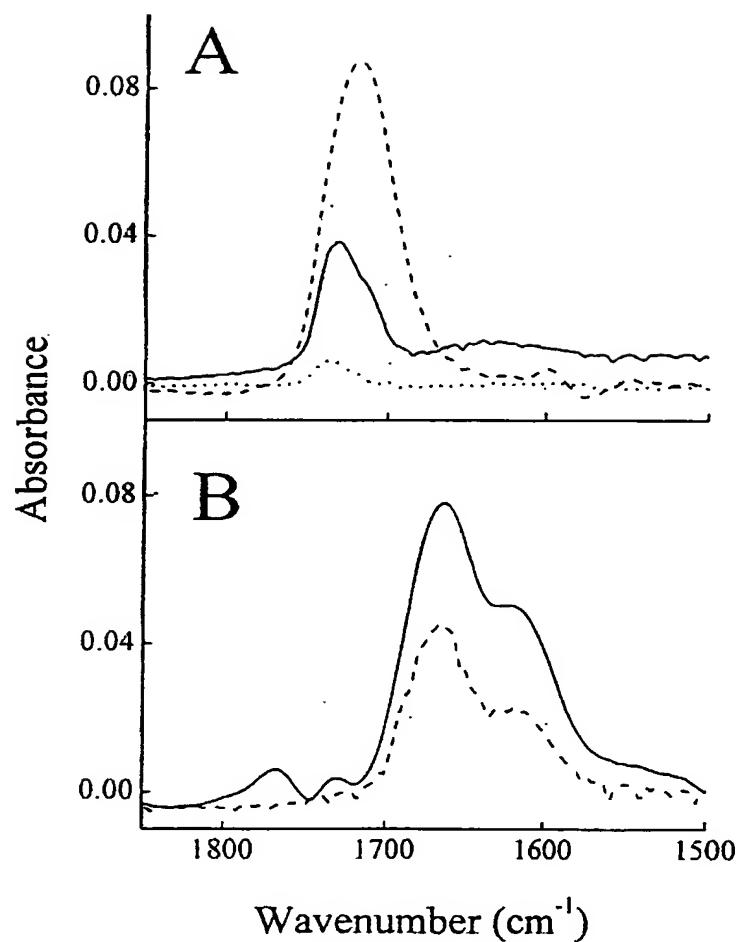


FIGURE 3A &amp; 3B

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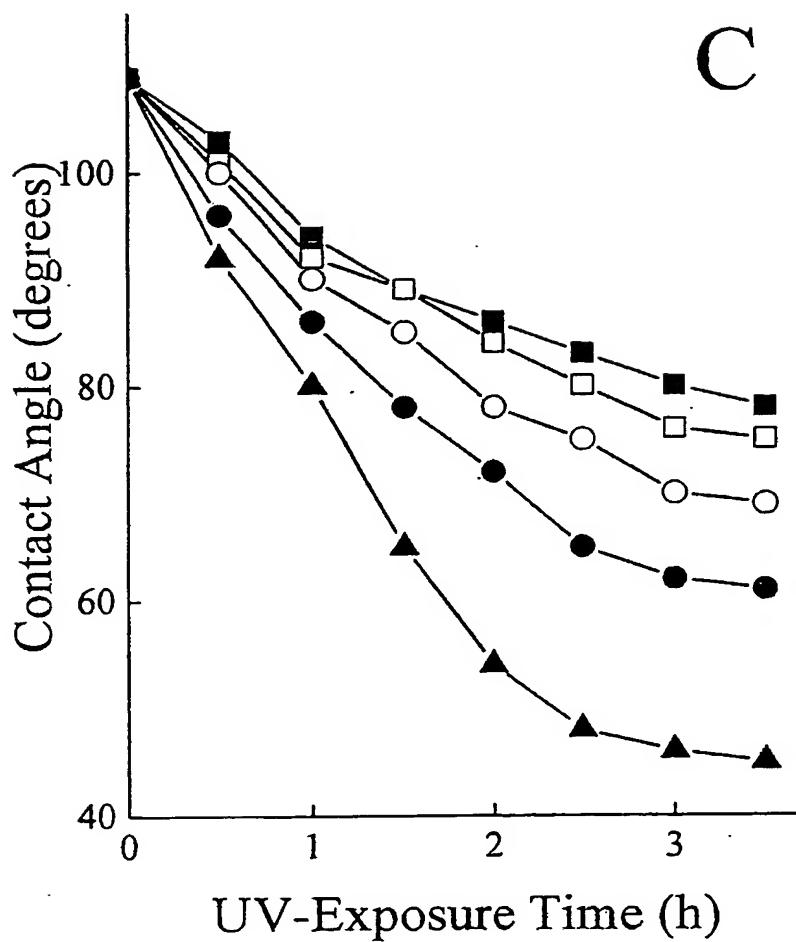


FIGURE 3C

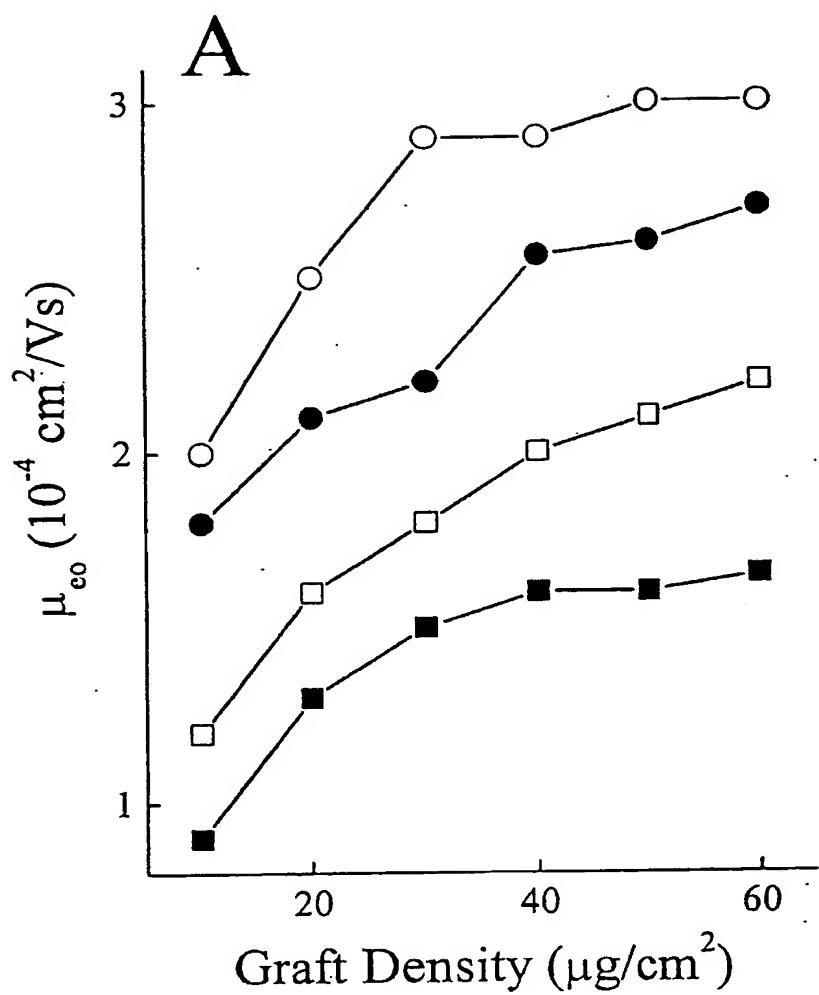


FIGURE 4A

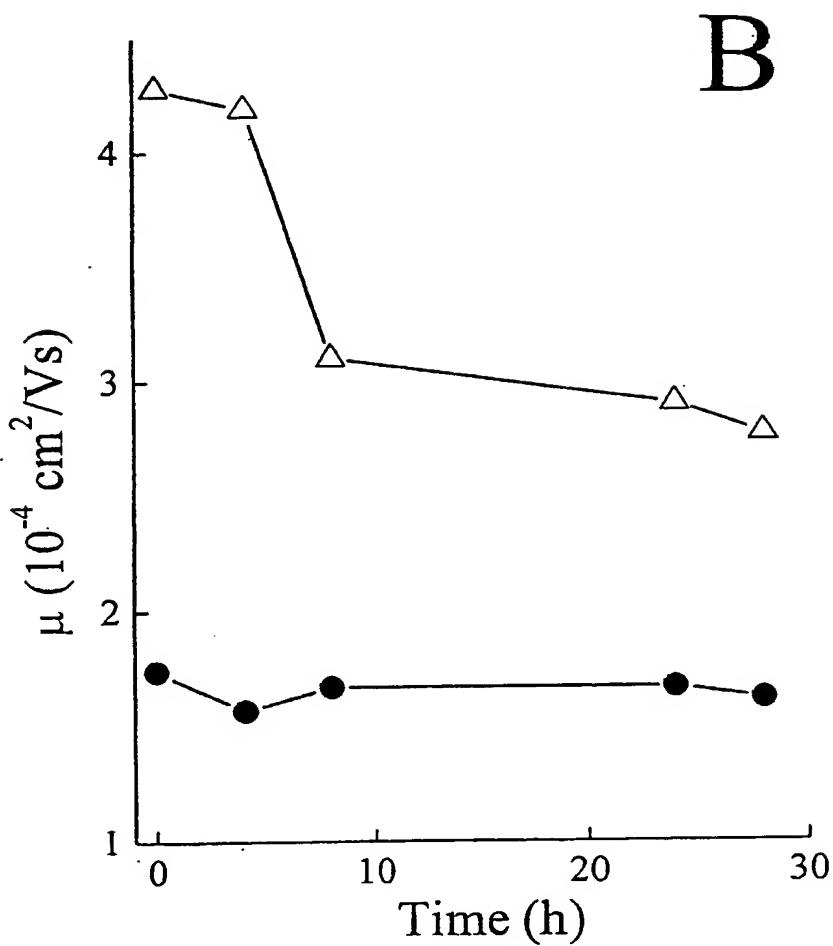


FIGURE 4B

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A

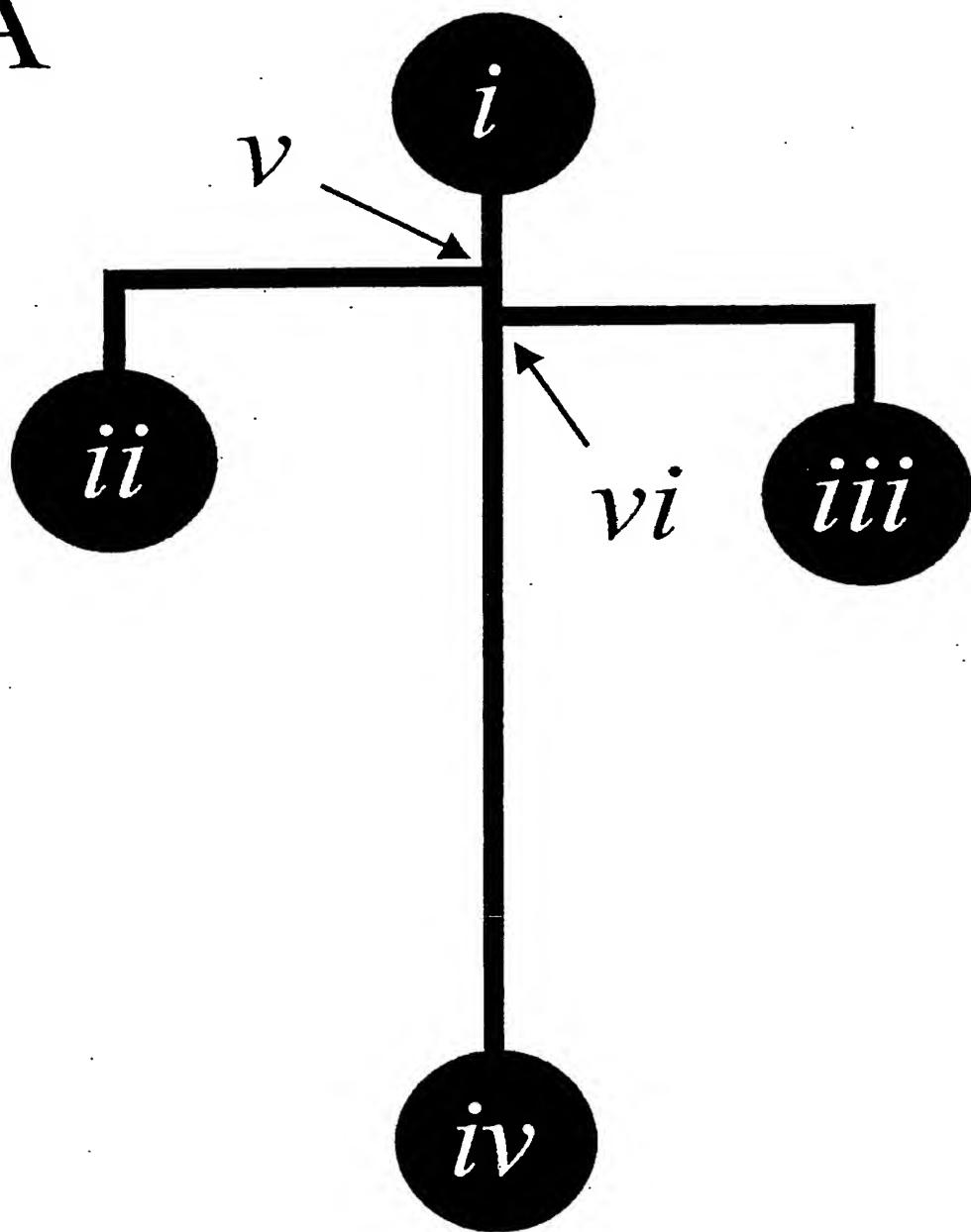


FIGURE 5A

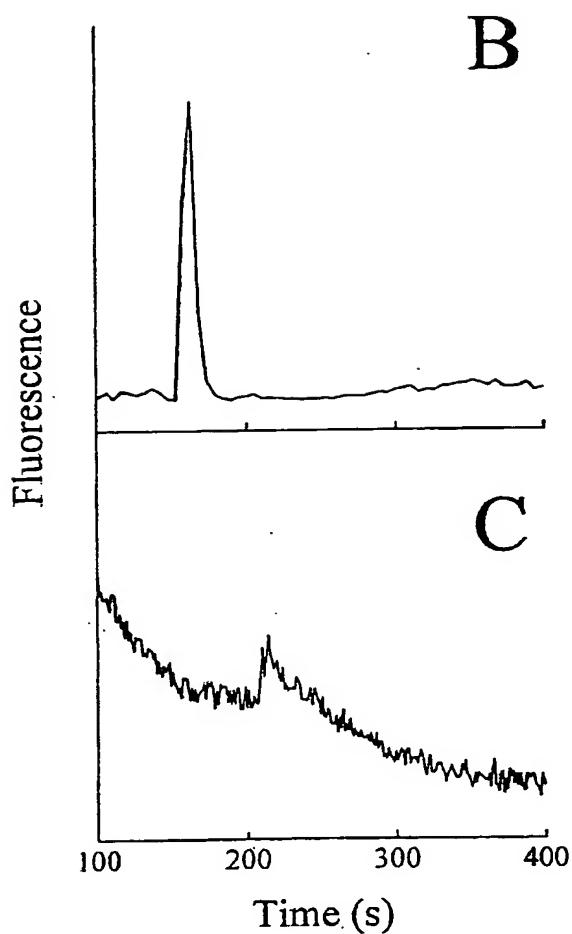
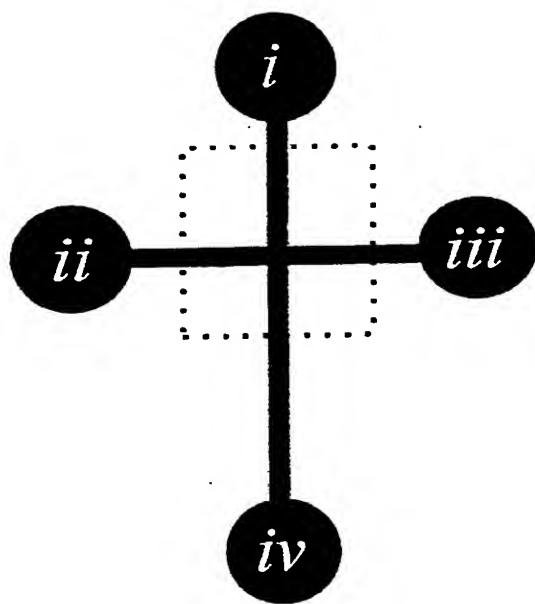


FIGURE 5B &amp; 5C

A



B

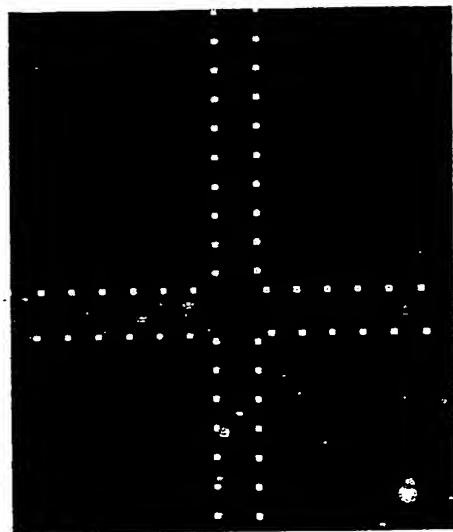
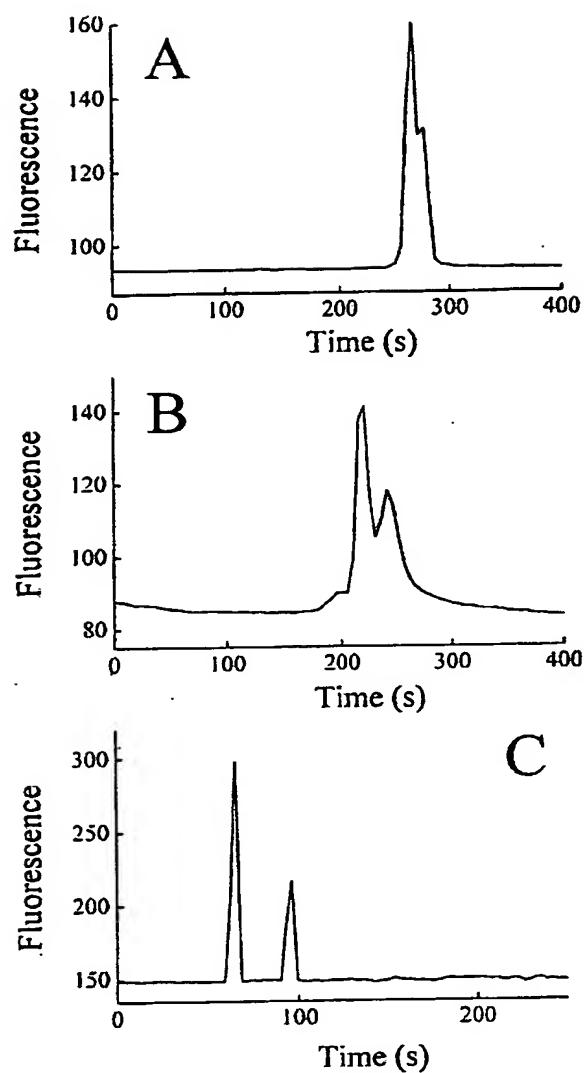


FIGURE 6A & 6B



**FIGURE 7A – 7C**

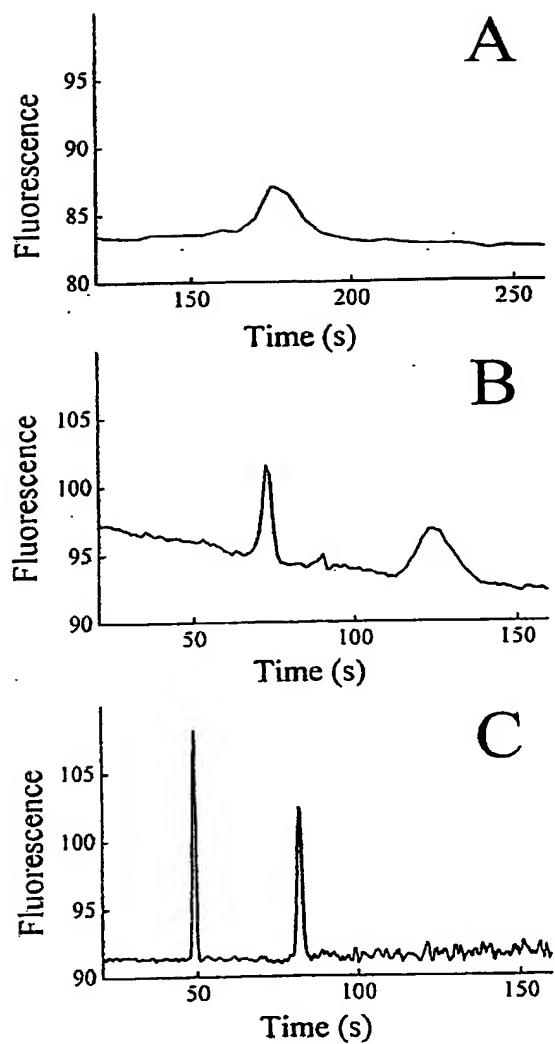
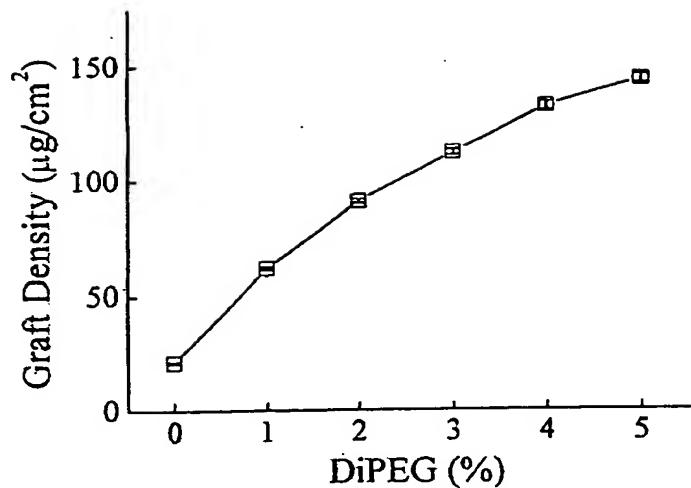


FIGURE 8A – 8C

**FIGURE 9**

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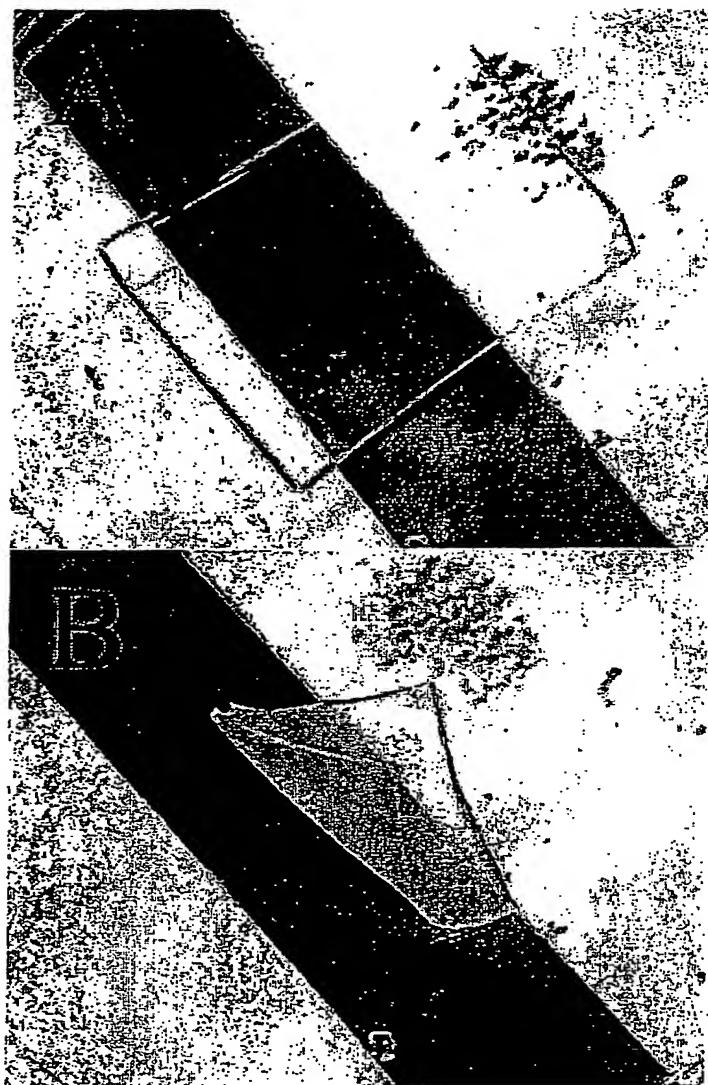


FIGURE 10

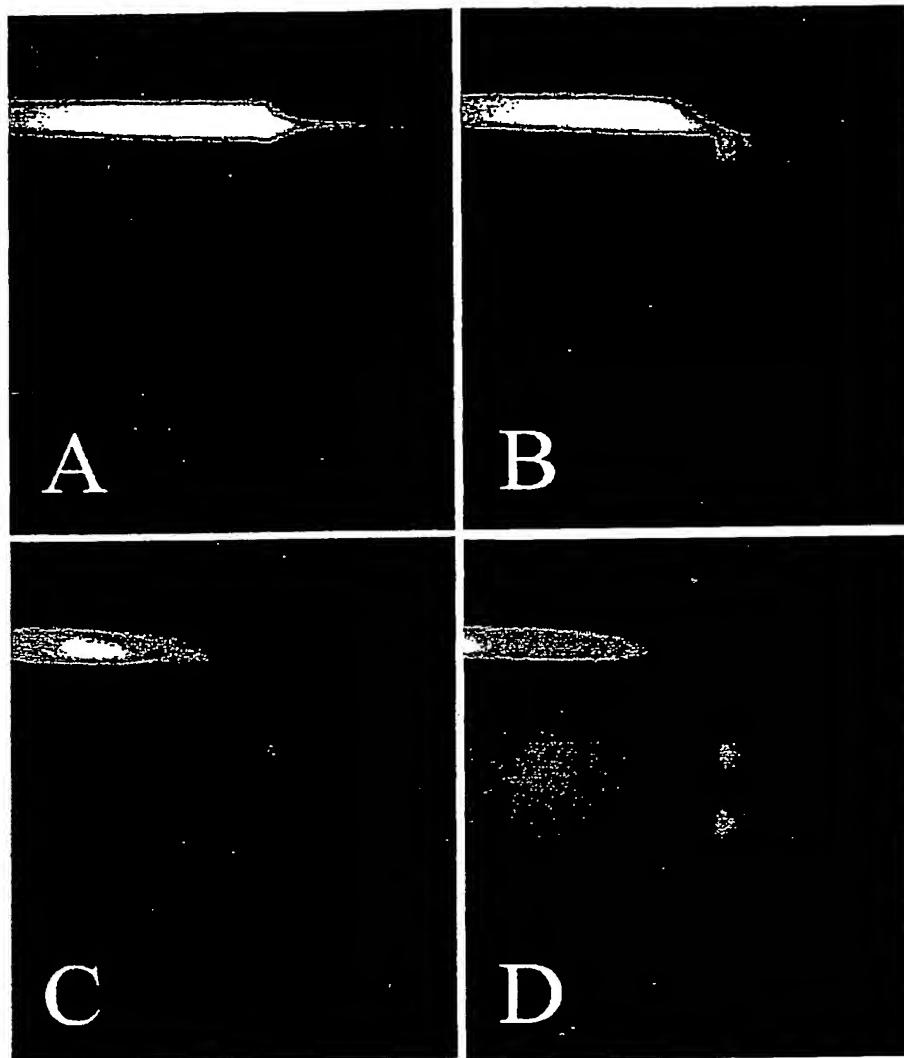
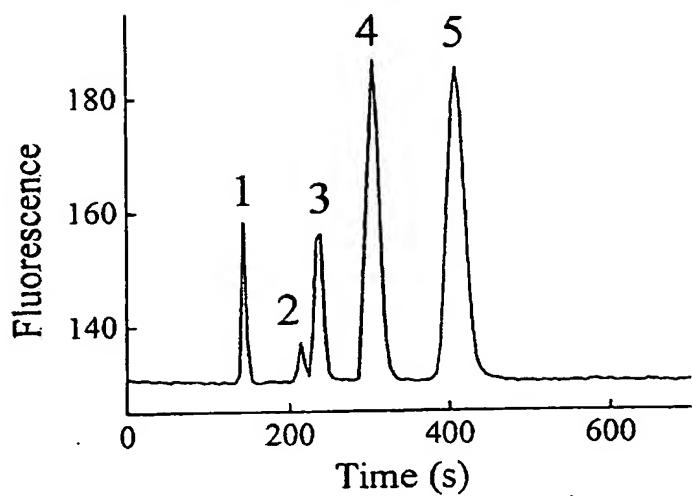


FIGURE 11A – 11D



**FIGURE 12**

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